



# Omni Case Study

## DELIVERING ADVANCED ISTAREW CAPABILITY THROUGH SME-MNC COLLABORATION

Omni Executive partnered with Jet Aviation (formerly Hawker Pacific and, since 2008, a General Dynamics company) to design, manufacture, and deliver an Intelligence, Surveillance, Target Acquisition, Reconnaissance and Electronic Warfare (ISTAREW) capability for Defence. Installed on a Royal Australian Air Force (RAAF) King Air B350 aircraft, the system enhanced Army special forces capability, providing a platform for advanced surveillance training and future capability development.

### Challenge

Defence required an advanced ISTAREW solution to strengthen Army special forces operations. The project was highly complex, involving integration into the RAAF's King Air B350 fleet, strict regulatory oversight, and the need for seamless collaboration between an Australian SME and a multinational defence prime.

### Solution

- **Special Forces Engagement:** Omni worked closely with Australian special forces to design and refine the ISTAREW capability.
- **Regulatory Compliance:** Omni secured Civil Aviation Safety Authority (CASA) design approval.
- **Aircraft Modification:** Jet Aviation, as design authority for the RAAF King Air fleet, modified the aircraft to enable Omni's ISTAREW system integration.
- **Joint Delivery:** Together, Omni and Jet Aviation manufactured, installed, tested the system, and trained Army operators.

### Implementation

Operating under Jet Aviation's project management framework, Omni and Jet Aviation collaborated effectively without a direct contractual link. Strong cooperation between the SME and the multinational company ensured alignment across design, engineering, installation, and certification activities.





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### The Results

- Operational Impact: Delivered a fully integrated ISTAREW system on a RAAF King Air B350, significantly enhancing Army special forces capability.
- Certification: Achieved a military Supplemental Type Certificate through the Airworthiness Board.
- Cost-Effectiveness: Defence commended the program for delivering capability at a lower cost than alternative options.
- Enduring Value: Omni expanded its aerospace design and manufacturing capability, applying lessons learned to benefit police air wings, aerial firefighting, and critical infrastructure surveillance operations.



### Key Takeaway

This project demonstrated how Omni, as a trusted Australian SME, can successfully collaborate with a multinational defence contractor to deliver complex, regulated capability outcomes. It reflects a blueprint for the strength of SME-MNC partnerships in building sovereign capability while achieving cost-effective results.



### About the Partners

- Omni Executive: An Australian-owned company delivering innovative Defence, national security, and critical infrastructure solutions to further our national interest.
- Jet Aviation (General Dynamics): A global aerospace leader and design authority for the RAAF King Air fleet, part of General Dynamics — a US Defence prime with \$47.7B USD in annual revenue.

